

Research in the Chemistry of Chloromycetin  
(Levomycesin). II. A Study of Synthetic Methods  
and of the Synthesis of Optically-Active Analogs of  
Chloromycetin (Levomycesin), by M. M. Shenyakin,  
E. M. Bumbas, E. I. Vinogradova, M. G. Karapetyan,  
M. N. Kolosov, A. S. Khokhlov, Yu. B. Shvetsov, L. A.  
Shchukina, 12 pp.

Full translation.

22,620

RUSSIAN, no per, Zhur Obsch Khim, Vol XXIII, No 11,  
1953, pp 1854-1866. CIA D 151246

Scientific - Chemistry Consultants Bureau  
Apr 55 CTS

Mechanism of the Azoxy-Coupling Reaction,  
by M. M. Sharykin, Y. I. Maymiz,  
D. E. Vaytenaylo, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 10, 1957, pp 1260-1261.

Consultants Bureau

Sci.- Chem

May 59

86,943

Academician Vladimir Kikhaylovich Rodionov,  
(On the 75th Birthday Anniversary), by M. M.  
Shenyakin, 8 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIII, No 11,  
1953, pp 1785-1793. CIA D 151246

Consultants Bureau

Scientific - Chemistry  
USSR - Biographic

Apr 55 CTS

22,608

The Theory of the Processes of Amino-Acid  
Exchange Catalyzed by Pyridoxal Enzymes, by  
A. E. Braunshtein, M. M. Shemyakin, 54 pp.

bimo

RUSSIAN, per, Biokhim, Vol XVIII, No 4,  
1953, pp 393-411.

NIH

Scientific - Chemistry CTS/DEX

17,920

SHVETSOV, Y. B., SHCHUKINA, L. A., and SHETYAKIN,  
M. N., Lab of Org Chem, Inst of Biol and Med Chem,  
Acad Sci USSR

Oxidative and Oxidative-Hydrolytic Transformations  
of Organic Molecules. VIII. Hydrolytic Transforma-  
tion of Hydroxy- and Acetoxymethanes of the Tetrahydro-  
naphthalene Series\* (\*Paper II, on Hydrolytic Cleavage  
of Carbon Bonds.)

Zhurn Obshch Khim, Vol XIX, No 3, 1949 (Mar), pp 447-  
455

Consultants Bureau Translation

A10854

VINIKHADOVA, E. I., SHVETSOV, Y. B., and SHERYAKIN,  
M. M., Org Chem Lab, Inst of Biol and Med Chem,  
Acad Sci USSR

Oxidative and Oxidative-Hydrolytic Transformations of  
Organic Molecules. IX. Study of the Methods of Trans-  
forming Ortho ( $\alpha$ -Chloropropionyl)-Phenyl-Glyoxylic  
Acid into Carboxylic Compounds

Zhur Obshch Khim, Vol XII, No 3, 1989 (Mar), pp 457-  
465

Consultants Bureau Translation

A10877

SERVETSKY, V. D.

REDEKH, I. M. AND SHENYAKI, N. M.

SHENYAKIN

OXIDATIVE AND OXIDATIVE-HYDROLYTIC TRANSFORMATIONS OF  
ORGANIC POLYESTERS. X. AMMONOLYSIS OF 2-CHLORO-2-  
METHYL-1, 3, 4-TRICHOETRALIN

7 pages, pp. 339-346

RUSSIAN, Zhur Oshch Khim. Vol XXI, No 2, Feb 1951

CIA D 152337

Consultants Bureau Translation

A-9776

SHEMYAKIN, I. A.  
SERGEEV, E. D. AND SHEMYAKIN, I. A.

OXIDATIVE AND OXIDATIVE-HYDROLYTIC TRANSFORMATIONS OF  
ORGANIC MOLECULES. XI. THE MECHANISM OF THE S.  
HOOKER REACTION.

13 pages

RUSSEAN, Zhur Otech Khim. Vol XXI, No 2, Feb 1951

A10860

Consultants Bureau Translation

Oxidative and Oxidative-Hydrolytic Transformations of  
Organic Molecules. XII, D. P. Vitkovsky, M. N.  
Shemyakin.

The Journal of General Chemistry of the USSR, Vol XX  
No 3, Mar 1951, pp 599 - 605 (Russ p 540).

Consultants Bureau  
New York

A-10878

USSR

Oxidation and Oxidative-Hydrolysis of Organic  
Molecules. XVIII. Oxidative-Hydrolysis of  
Nitrosubstituted Hydroxyazo Dyes, by O. M.  
Shenyakina, B. M. Bogoslovsky, N. M. Susaykina.  
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7,  
Jul 1956, pp 1940-1944.

Consultants Bureau

Sci - Chemistry  
Nov 57

55,017

Compounds Labeled With  $C^{14}$  and  $N^{15}$ . IV. Synthesis of  
"Key" Compounds, by V. I. Maimin, B. V. Tokarev,  
E. G. Vdovina, K. M. Ermolayev, M. M.  
Shenyakin, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7,  
Jul 1956, pp 1962-1966.

Consultants Bureau

Sci - Chemistry  
Eov 57

55, 021

Oxidative and Oxidative-Hydrolytic Transformations of  
Organic Molecules. XIII, D. P. Vitkovsky, M. M.  
Shemyakin.

The Journal of General Chemistry of the USSR, Vol  
XXI, No 3, Mar 1951, pp 607 - 617 (Russ p 547).

Consultants Bureau  
New York

USSR

A 10879

Investigations With Compounds Labeled With  
 $\text{N}^{14}$  and  $\text{N}^{15}$ . Communication X. Study of  
Isomerization Reactions of Azoxy Compounds  
With the Aid of  $\text{N}^{15}$ , by M. M. Shemyakin,  
V. I. Maimin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel  
Khim Nauk, No 5, 1960, pp 866-871.

CB

Sci  
May 62

194,651

Oxidative and Oxidative-Hydrolytic Transformations of Organic Molecules. XX. The Structure of Oxides of Unsaturated Compounds, by M.M. Shemyakin, D.A. Bochvar, and L.A. Shchukins, 3 pp.

Full translation.

RUSSIAN, no per, Zhur Obsch Khim, Vol XXII, No 3, USSR, Mar 1952, pp 439-442. CIA D 182345

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7519

Investigations in the Field of the Tetracyclines. V.  
Study of Methods of Synthesizing the Tricyclic System  
DOB of Tetracyclines, by M. M. Shemyakin, M. N. Kolesov,  
Yu. A. Arbutov, H. G. Karapetyan, E. S. Chaman, A. A.  
Oriskhenko, 11 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 6, 1959,  
pp 1831-1841

Consultants Bureau

122, 115

Sci - Chemistry

Oxidative and Oxidative-Hydrolytic Transformations of Organic Molecules. XXII. Hydrolytic and Oxidative Transformations of 1-Benzeneazo-3,4-dihydroxynaphthalene, by ~~BY~~ O. M. Shemyakina, B. M. Bogoslovsky, and M. M. Shemyakin, 4 pp.

Full translation

RUSSIAN, no per. Zhur. Obshch. Khim., Vol XXII, No 4, USSR, Apr 1952, pp 538-575. ~~675-678~~ 675-678  
CIA D 182346

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7542

Oxidative and Oxidative-Hydrolytic Transformations of Organic Molecules. XXIII. The Mechanism Involved in Oxidation-Reduction and Hydrolytic Transformations of 2-Chlorohydroxy-1,4-naphthoquinone, by D. P. Vitkovsky and M. M. Shemyakin, 7 pp.

Full translation

RUSSIAN, no per. Zhur. Obshch. Khim., Vol XXII, No 4, USSR, Apr 1952, pp 675-679. — 686.

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7537

Oxidative and Oxidative Hydrolytic Transformations of Organic Molecules. XIX. The Relationship Between the Degree of Oxidation of Carbocyclic Compounds and the Ability of Their Rings to Be Cleaved Hydrolytically, by N. M. Shemyakin, L. A. Shchukina, Yu. B. Shvetsov, D. P. Vitkovsky, A. S. Khokhlov.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXI, No 9, Sep 1951, pp 1667-1677. *CIA O 182339*

Consultants Bureau Vol XXI,  
No 9, Sep 1951

USSR

Scientific - Chemistry, molecules, oxidative,  
compounds

*A-5184*

Oxidative and Oxidative-Hydrolytic Transformations  
of Organic Molecules. XIV. The Hydrolytic Cleavage  
of 3-Hydroxy-1, 4-Naphthoquinone, by L. A.  
Shchukina, A. S. Khokhlov and M. M. Shenyakin  
8 pp

RUSSIAN, no par, ~~Russ. Zh. Khim.~~ Vol XII, No 5  
USSR, May 1951 pp 900-917

Consultants Bureau, Vol 21 1951

A-5185

Oxidative and Oxidative-Hydrolytic Transformations  
of Organic Molecules. XV. The Transformations of  
1, 4-Naphthoquinone Oxide, by L. A. Shchakina,  
A. S. Khokhlov and M. M. Shenyukhin, 10 pp

RUSSIAN, no par, Zhur Gubchik Khim, Vol XXI, No 5  
USSR, May 1951, pp 917-926

Consultants Bureau, Vol 21 1951

A-5183

Oxidative and Oxidative-Hydrolytic Transformations of Organic Molecules, XVI. The Oxidative Hydrolytic Transformations of 2,3-dihydroxy-1,4-naphthoquinone and 1,2,3,4-tetraoxotetralin. by A. S. Khokhlov, L. A. Shchukina and M. M. Shemyakin, 18 pp

RUSSIAN mo per Zhur Obshch Khim, Vol XXI, No 6 USSR, Jun 1951, pp 1016-1033

Consultants Bureau Vol 21 Jun 1951

A-5182

Oxidative and Oxidative-Hydrolytic Transformations of Organic Molecules. XVIII. Synthesis and Properties of Some Quinone Oxides, by L. A. Shchukina, E. I. Vinogradova, M. M. Shemyakin.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXI, No 9, Sep 1951, pp 1661-1667. *CIAD 182339*

Consultants Bureau Vol XXI,  
No 9, Sep 1951

USSR

Scientific - Chemistry, molecules, oxidative, oxides

*A-10861*

Oxidative and Oxidative-Hydrolytic Transformations  
of Organic Molecules, XVII. The Oxidative-  
Hydrolytic Transformations of Substituted Hydroxy-  
naphthoquinones, by D. P. Vitkovsky and N. M.  
Shemyakin, 12 pp

RUSSIAN, no per Zhur Obshch Khim Vol XXI, No 6  
USSR, Jun 1951, pp 1033-1045

Consultants Bureau Vol 21 Jun 1951

A 10880

Observations of V. N. Ufimtsev's Paper on the Bisul  
Compound of 1, 4-Naphthoquinone, D. A. Bocharov, A.  
Chernyshev, M. M. Shongakin.

The Journal of General Chemistry of the USSR, Vol 1  
No 11, Nov 1950, pp 2195 - 2197 (Russ p 2118).

Consultants Bureau  
New York

A-845

USSR

Oxidative and Oxidative-Hydroxy-  
of Organic Molecules. XXVII. Tautomeric Trans-  
formations and Properties of Hydroxy- and  
Chloroketocarboxylic Acids, by L. A. Shchukina,  
M. M. Shenyakin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,  
Jun 1956, pp 1708-1712.

Consultants Bureau

Sci - Chemistry  
Jul 57

49,658

Research on a Series of Heterocyclic Ketones,  
by M. M. Shemyakin, E. I. Elkina.  
RUSSIAN, per, Zhurnal Obshchei Khimii, Vol 11,  
No 4, 1941, pp 349-352.  
NRC C-5622

*M. M. Shemyakin*

Sci-Chem  
Aug 66

308,781

Science Today and Tomorrow, by Alikhanov, Kabachik,  
Tamm, Shemyakin.

RUSSIAN, np, Izvestiya, 21 Oct 1959.

FBI Daily Review

USUR  
Econ  
Sci - MIs  
Nov 59

99,646

The Movement of a Free Surface of  
Homogeneous Ground During An Underground  
Explosion, by N. I. Osis'ko, Ye. I.  
Shenyakin, 22 pp.

RUSSIAN, per, Zhur Prikl Math i Tekh Fiz,  
No 4, 1961, pp. 82-93. 9676122

FID-TT-62-74

Sci - Phys

189, 712

5 Apr 62

Hydrolysis of Alkyldioxanes, by M. I. Farberov,  
N. K. Shemyakina, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,  
Oct 1956, pp 2749-2753.

Consultants Bureau

Sci - Chemistry  
Mar 58

60,106

Synthesis of Isoprene and Piperylene Based on  
n-Butylacrylate and Formaldehyde, by A. M. Kutin,  
M. E. Kabanov, T. P. Varnova, N. K. Shayakina,  
6 pp.

RUSSIAN, Far, Zhur Zhik.Khim, Vol XXIII, No 12,  
1959, pp 2782-2787,

CB

Sci

Nov 60

135,195

Reaction of the Simplest Olefins With Aqueous  
Solutions of Formaldehyde and Acetaldehyde, by  
M. I. Farverov, Ya. I. Rotshmeyn, A. M. Kutin,  
N. K. Shemyakina, 11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 10,  
1957, pp 2806-2816.

Consultants Bureau

Sci - Chem  
Jan 59

78,974

Synthesis of Hydroxytetrahydropyran and Its Transformation Products, by M.I. Farberov, E. P. Tepanitagyna, N. K. Shanyakina, 4 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXV, No 1, Jan 1955, pp 133-135. CIA D 151342

Consultants Bureau

Scientific - Chemistry

24,583

Jan 55

Synthesis of Hydroxytetrahydropyran and the  
Products of Its Transformations, by M. I. Farberov,  
E. P. Tepenitsuina, N. K. Shemyakina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCIX, No 5, 1954, pp 793-796.

Sci Mus Lib  
Tr 55/0990

Scientific - Chemistry  
CTS 70/Jul 55

25,199

Oxidation and Oxidative-Hydrolysis of Organic  
Molecules. XVIII. Oxidative-Hydrolysis of  
Nitrosubstituted Hydroxyazo Dyes, by O. M.  
Shen'yakina, B. M. Bogoslovsky, M. M. Shen'yakin,  
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7,  
Jul 1956, pp 1940-1944.

Consultants Bureau

Sci - Chemistry  
Box 57

55,017

Oxidative and Oxidative-Hydrolytic Transformations of Organic Molecules. XXII. Hydrolytic and Oxidative Transformations of 1-Benzeneazo-3,4-dihydroxynaphthalene, by ~~MM~~ ~~BY~~ O. M. Shemyakina, B. M. Bogdanovsky, and M. M. Shemyakin, 4 pp.

Full translation

RUSSIAN, no per. ~~Zhur Obshch Khim~~, Vol XXII, No 4, USSR, Apr 1952, pp ~~553-556~~ 671-676.

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7542

The Importance of the Solvent and Mode of  
Administration of a Carcinogenic Substance in  
Inducing Experimental Cancer of the Fore-Stomach  
in Mice, by T. V. Shemiakina, 9 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 9,  
1959, pp 333-341.

PP

Sci  
Aug 60

124,600

Production of tumours of the Stomach in Mice Fed on a  
Carcinogen, by T. V. Shemyakina, 5 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 5,  
1959, pp 520-524.

Pergamon Press

Sci

Mar 5 60

109,982

Gastric Tumours Produced Experimentally by the Administration of Carcinogenic Substances, by T. V. Shemyakin, 6 pp.

RUSSIAN. per. Voprosy Onkologiy, Vol IV, No 2, 1959, pp 150-154.

Pergamon Inst

Sci - Med

Jun 59

89,669

BS Program # 18

(NY-3299).

Account of the Joint Session of the Scientific Councils of the Oncological Institutes of Moscow and Leningrad (USSR) and Warsaw, Krakow, and Gliwice (Poland People's Republic), Held 6-15 Apr 1959 in Moscow, by B. D. Kaufman, V. V. Gorodilova, T. V. Shemyakina, Ye. A. Tsel', 18 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 10, Leningrad, 1959, pp 498-505.

JPRS-2217

108,427

Sci - Med

Feb 60

On the Treatment of Stomach Lipoma, by T. V.  
Shamyakina, 3 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 6,  
pp 740-742.

Pergamon Press

Sci

Apr 60

114, 643

Functional State of the Stomach in Cancerous and  
Precancerous Conditions, by A. I. Rakov, T. V.  
Shen'kova, N. K. Shchukareva, G. G. Ivanov, 7 pp.

RUSSIAN, bimo per, Voprosy Onkologii, Vol III, No 1,  
1957, pp 42-48.

Pergamon Press

Sci - Medicine  
Oct 57

54,583

84  
Expansion of a Gas Space in an Incompressible  
Elastoplastic Medium, (Effects of Explosions on  
Rock Strata), by Ye. I. Shemyakin.

RUSSIAN, per, Zhurnal Prikladnoi Mekhaniki i  
Tekhnicheskoi Fiziki, No 5, 1961, pp 91-99.

FD11003566

AEC UCRL-tr-10038

*Ye. I. Shemyakin*

Sci/Physics

Aug 66

306,364

Some Data of Medical Observations at Radar and  
Radio Stations, by S. I. Shamyakov, 5 pp.

RUSSIAN, no per, <sup>C</sup>Voyenno-Med Zhur, No 5, 1955,  
pp 79-83, Encl to IR-1164-56, AFOM-1A1.  
CIA D 416279

AF 728080

USSR  
Military - Medical Service, UHF operations  
Scientific - Medicine 34, 211  
May 56 GTS/dax

The Determination of Chlorine in Organosilicon  
Compounds, by S. V. Syavtsillo, V. A. Sharyutina,  
Keva, A. M. Meshumova, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 3,  
1958, pp 287-288.

Instru Soc of Amer

Sci

Apr 60

113,277

Determination of Phenyl Radicals in Silicorganic  
Compounds, by A. P. Kreshkov, V. T. Shenyatenkova,  
S. V. Syavtsillo, 3 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 5, 1960,  
pp 635-638.

CB

Sci  
Aug 61

164,091

Accuracy of the Determination of a Mixture  
Composition With Different Methods of Interpre-  
ting Chromatograms, by N. M. Turkel'taub,  
V. T. Shenyatenkova, N. A. Palamarchuk, and  
L. A. Nechaeva, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 10,  
1960, pp 1075-1079.

ISA

Sci

157, 215

Jan 61

Analysis of Silico-Organic Compounds. Qualitative  
Analysis of Mixtures of Alkoxysilanes with  
Alcohols and Silicon Tetrachloride, by A. P.  
Kreshkov, V. A. Bork, V. T. Shenyatenkova,  
4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol IX, No 3, 1954,  
pp 166-169.

20,234 Consultants Bureau

Scientific - Chemistry

Dec 1954 CTS

Graphico-Analytical Determination of the Mean-Square  
Systematic Error in Discrete Measurements, by  
I. M. Shenbrot, 6 pp.  
RUSSIAN, per, Izmeritel Tekh, No 8, 1963, pp 6-10.

ISA

Sci  
Mar 64

252,635

(DC-53604)

A Survey of Bancroft's Filariasis at Ts'ung-huo,  
Kuangtung, by Chu Shih-hui, Shen Cheng-huang,  
Chen Shao-hsiung, 11 pp.

EXX CHINESE, per, Wen-sheng-wu Hsueh-pao,  
Vol VII, No 1-2, 1959, pp 25-30.

JPRS 11027

176,066

Sci - Med  
Dec 61

SAFETY IN ELECTRIC POWER CONSUMPTION IN AGRICULTURE.  
BY SHEN CHEN-CHIN, 6 PP.

CHINESE, PEB, LAO TUNG, NO 5, 1960, PP 27-29.

JPRS 21243

FE-CHINA  
ECON  
NOV 63

212,143

(DC-5187)

Studies on Antibilharzial Drugs, XXIII. Drug Effects on Alimentary Absorption of Sb and the Promoting Effects of Bal-Glucoside, by Shen Mei-ling, Liang Yu-i, Ting Kuang-sheng, 16 pp.

CHINESE, per, Acta Pharmaceutica Sinica, Vol VIII, Feb 1960, pp 95-103.

JPRS 8936

Sci - Chem

173,660

(NY-5226)

On the Measurement of the Reflection Coefficient,  
by M. M. Shenberg, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1955.

JPRS 7095

Sci

Apr 61

146,900

(NY-6009/b)

Clinical Analysis of 210 Cases of  
Gastric and Duodenal Ulcers Complicated by  
Bleeding, by Shen Jun-taeng, 8 pp.

CHINESE, per, Chung-hua Nei-k'o T<sup>h</sup>chih,  
Vol VIII, No 3, 1960, pp 246-248.

JPRS 9678

165,738<sup>7</sup>

Sci - Med  
Sep 61

(NY-5833)

China's Achievements in Synthetic Drugs, by Liang  
Isiao-tien, Shen Chia-hsiang, 10 pp.

CHINESE, bk, Ch'ing-chu Chien-kuo Shih-chou-nien  
[-hsueh K'o-hsueh Ch'eng-chiu Lun-wen Chi, Vol I,  
Dec 1959, pp 511-514.

JPRS 7868

Jci - Med

Jul 61

160,655

# 23

(DC-3321)

China's Achievements in Pharmaceutical Chemistry,  
by Liu Wei-ch'in, Meng Mu-ti, Liang Hsiao-t'ien,  
Shen Chia-hsiang, Ch'en Hsin-lien, 6 pp.

1959

CHINESE, per, Yao-hsueh T'ung-pao, Vol VII, No 9,  
Peiping, 1959, pp 442-444.

JPRS 3479

Sci - Med - Pharmacology

Jul 60

119,905

Some Materials on the Dynamics, Localization, and  
Metabolism of Peptides in Plant Leaves, by Zh. A.  
Medvedev, Shen Chiang-hsia, 7 pp.

RUSSIAN, per, Biokhim, Vol XXIV, No 4, 1959,  
pp 709-716.

GB

Sci

Nov 60

132,426

Dyeing Route of Glass Fibers, by Quan Chieh, 9 pp  
CHINESE, per, Hua-hsueh Shih-chieh, No 2, 10 Feb 64, pp  
67-69  
JPRS 29421

Asia-China  
Sci.-Chem  
Apr 65

271,572

(DC-4107).

Report on Prevention of Schistosomiasis, by Shen'  
Ch'i-chen, 6 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 13.

JPRS 6526

FE - China  
Econ  
24 Jan 61

137,672

L-1520-D

Status of Research Conducted by the Central  
Institute of Health in China in the Five Years  
Since its Founding, by Shen Ch'i-chou, 52 pp.

CHINESE, per, Chung-hua I-hsueh Tsa-chih, Vol LXII,  
No 7, 1956, pp 680-698.

JPRS L-1520-D

Sci - Med  
Mar 59

83,157

Manufacture of Compressors for Nitrogen-Hydrogen  
Compressors by Cold Rolling, by Shen Ch'i-lin  
(1983 0366 2551), 6 pp.

CHINA, per, Shanghai Chi-hsieh, No 7, 25  
Jul 1964, pp. 10-11.

JPRS 31102

Shen Ch'i - lin

PH-China

BOOK

Ac 65

284,036

The Isolation of Ribonucleic Acid From the  
Plasma Sap of Plant Leaves and a Study of the  
Peculiarities of Its Metabolism, by Zh. A.  
Medvedev, N. N. Zabolotakiy, Shen Chien-hsia,  
et al, 8 pp.

RUSSIAN, per, Biokhim, Vol XXV, No 6, 1960,  
pp 1001-1011.

CB

Sci

157,502

Jul 61

(NY-5608)

Problems Related to Chemoreceptor Reflexes, by  
Shen Chi-ch'un, 18 pp.

CHINESE, bk, Ch'ing-chu Chien-kuo Shih-chou-nien  
I-hsueh K'o-hsueh Ch'eng-chiu Lun-wen Chi, Vol I,  
Dec 1959, pp 68-74.

JPRS 7463

Sci - Med

Mar 61

144,707

ENERGETICALLY STUDY ADVANCED SCIENCE FROM  
SOVIET SPECIALISTS, BY SHEN CH'1-1, 5 PP.

CHINESE, PER, PEI-CHING HUNG-YEH TA-HSUEH  
HSUEH-PAO, VOL IV, NO 1, 1958, PP 1-2.

JPRS 17188

FE - CHINA  
SOC.  
JAN 63

220,177

THE EFFECT OF PLANT PROTECTION ON THE INCREASE  
OF AGRICULTURAL PRODUCTION, BY SHEN CH'1-1,  
27 PP.

CHINESE, PER, HUNG-CH'1, NO 22, NOV 1962,  
PP 33-41.

JPRS 16985

FE - CHINA  
ECON  
JAN 63

218,951

(NY-3160).

A Glorious Page: The Great Victory of the Mass  
Movement for Smelting Iron and Steel, by Shen Chin,  
6 pp.

CHINESE, per, Cheng-chih Hsueh-hsi, No 18, Peiping,  
27 Sep 1959, pp 20-23, 24, 25.

JPRS-2060-N

FE - China  
Pol - Soc  
Dec 59

103,055

(NY-4160).

Thank the Great Party for Coming to my Rescue,  
by Shen Chih-yuan, 21 pp.

CHINESE, np; Jen-min Jih-pao, 11 Apr 1960, p 20.

JPRS 2903

FE - China  
Econ  
Aug 60

122,687

(NY-5008)

Wireless Telephone Transmitter, by Shen Chin-chen,  
7 pp.

CHINESE, per, Wu-li T'ung-pao, No 4, 1960,  
pp 188, 189.

JPRS 5834

Sci - Electron

134,223

Dec 60

SEVERAL IDEAS CONCERNING THE EXPANSION OF PAINT-  
RICE ACREAGE IN AREAS NORTH OF THE HUIA RIVER,  
BY SHEN CHIN-HUA, 10 PP.

CHINESE, PER, CHANG-KUO NING-YEH K'O-HEUNG, NO 12,  
1962, PP 18-22.

JPRS 21971

SCI-AGRI  
DEC 63

242,934

*Han-hsi Shen*

The Use of Mandelic Acid and Its  
Derivatives in Analytical Chemistry,  
by Han-hsi Shen.

JAPANESE, per, Hua Hsueh Tung Pao.

1963, pp 129-136

NTC 72-11367-07B

June 72

(TDD 20284)

China's National Income and Balance of Foreign Payments, by Shen Ching-Fung, 16 pp.

CHINESE, no per, Chung-yang Yin-hang Yuch-pao, Vol IV  
No 3, Shanghai, Mar 1949, pp 6-12.

CIA/TDD/U-5861

15,769

FE - China  
Economic

Progress in Interfacial Polycondensation, by 55  
Shen Chung-ho, 14 pp.  
CHINESE, per, Hsu-hsueh Tung-pao, No 11,  
14 Nov 1964, pp 43-49  
JPRS 32798

*Shen Chung-ho*

PL - China  
Sci  
Dec 65

293,082

(DC-3502/23)

Movement to Innovate Supervisory Tools in  
Mu-tan-chiang City, by Sh'en Chung, 7 pp.

CHINESE, per, Hung-chi, No 12, 16 Jun 1960,  
pp 30-33.

JPRS 6010

FE - China

Econ

Sep 60

127,063

(HY-3135).

[Excerpt] Guarantee the Early Transfer of  
Key Projects to Production, by Shen Chung, 3 pp.

CHINESE, per, Chien-chu, No 17, Peiping,  
13 Sep 1949, pp 8-11.

JPRS 2247

FI - China  
Econ - Industry  
Mar 60

110,312

Atomic Energy of the All-China Exposition on Industry  
and Means of Communication, by Shen Chung-po, 1 p.

RUSSIAN, per, Atom Energ, Vol VIII, No 5,  
1960, p 464.

CB

Scl  
Aug

163,002

Malignant Tumor of the Hypophysis With Multiple  
Metastases, by L. A. Shenderov, E. I. Zhukova, 5 pp.

RUSSIAN, per, Vrachebnoye Delo, No 8, 1956,  
pp 361-362.

Navy Tr 3423/NMS 2 794

Sci - Biol & Med  
Jul 63

235,754

9/  
Instrument Recorders Built by the Scientific  
Research Institute of Hydrometeorological  
Instrument Building, by I. N. Shenderovich,

3 pp.

RUSSIAN, par, Byulleten' sovetsko go seismologii,  
problemy teorii, No 9, 1961, pp. 67-73.  
JPRS 31009

*I. M. Shenderovich*

UNSC  
Sci-SES/A  
Aug 65

283,846

Paramagnetic Resonance Spectra of biological Materials. IV. The Action of Ionizing Radiation of Chemically Modified and Denatured Nucleic and Aic Products, by Sheng Pei-ken, L. A. Blyummenfel'd, et al, 11 pp.           

RUSSIAN, per, Biofizika, Vol VI, No 5, 1961.

CB"

Sci  
Sep 62

210,467

76  
Synthesis of a Nondegenerate Parametric  
Amplifier with Optimised Noise Performance,  
by Shen Guang-ming, 14 pp.  
CHINESE, per, Tien Tzu Hsueh Pao, Vol 2, No 1,  
1963, pp 23-32.  
F100133168-V  
FTD-RT-67-237

Sci-Navigation, Communications,  
Detection & Countermeasures  
July 60

360,725

*Shen Guang-ming*

( SF-1102 )

Opinions on the Goals and Mission of Middle School Mathematics, by Pien Shu-yang, Ts'ao Tao-yu, Shen Hsi-yung, 6 pp.

CHINESE, par, Shu-hsueh T'ung-pao, No 1, 1960, pp 38-40.

JPRS 4465

FE - China

Soc - Education

149,629

Mar 61

J-2500

(DC-2598)

Concern for Mass Livelihood, by Shen Hsing,  
5 pp.

CHINESE, per, Cheng-chih Hsueh-hsi, No 12,  
Peiping, 1958, pp 18-21.

REF JPRS-779-D

FE - China

Pol

Jun 59

90,574

58  
Synthesis of Nondegenerative Parametric  
Amplifiers Based on Optimum Noise Perform-  
ance, by K. Shen,  
CHINESE, per, Tien-Tzu Hsueh-Pao, Vol II, No 1,  
1963, pp 23-32.  
\*FTD-HT-67-237

K. Shen

Sci-Electr & Elect  
Feb 67

Interaction of Ammonia with the Oxide of Petroselaiddic  
Acid, by G. V. Pigulevskiy, I. L. Kuranova, Yu. D.  
Chenin, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,  
1959, pp 2449-2451.

CB

Sci

Sep 60

126,642

(NY-6300/8)

Policy of Localized Agricultural Machinery  
Plants, by Tai Kuo-ch'iang, Shen Chien, 4 pp.

CHINESE, np, Jen-min Jih-pao, 1 Apr 1961, p 3.

JPRS 9549

FT - China

Econ

Aug 61

<sup>2</sup>  
168,079

(NY-5808)

High Production Experience of a 400-Ton Annual  
Output Contact Sulfuric Acid Plant, by Shen  
Ch'ien-an, 5 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 7,  
6 Apr 1960, pp 49, 50.

JPN: 7802

148,935

Sci

Apr 61

Exclusion of Peasants' Rewards from Production  
Costs, by Shen Ch'iu (3088 4428), 7 pp.  
CHINESE, np, Kuang-ming Jih-pao, 11 Jan 1965,  
p 4.  
JPRS 28711

FE-China  
Econ  
Feb 65

*p 42*

275,144

The Translocation and Distribution of Photo-synthetic Products During the Various Stages of Growth and From the Various Leaves of the Rice Plant, by Shen Gong-Mou.

CHINESE, per, Acta Agriculturae Sinica, Vol XI, No 1, 1960, pp 30-39.

CSIRO/No 6338

Sci-Biol

Oct 63

241, 444

Quantitative Determination of Scandium by Means of  
Mandelic Acid, by I. P. Alimarin, Shen Han-hsi,  
6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 1, 1960,  
pp 31-36.

CB

163,929

Sci  
Aug 61

Gravimetric Determination of Zirconium after Its  
Precipitation with Cyclohexanol-1-carboxylic  
Acid, by I. P. Alimarin, Shen Han-Si, 4 pp.

RUSSIAN, per Zhur Anal Khim, Vol XVI, No 2,  
1961, pp 162-165.

CB

200,754

Sci  
Apr 62

Quantitative Determination of Scandium by Means  
of Halogen-Substituted Mandelic Acid, by  
I. P. Alimarin, Shen Han-Si, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI, No 3,  
1961, pp 279-283.

CB

Sci

Jun 62

200,595

(SF-2226)

PADDY RICE CULTIVATION, BY SHEN HSUEH-NIEN,  
ZEPH.

CHINESE, MONOGRAPH, SHUI TAO, AUG 1956.

JPRS 13946

ASIA - CHINA  
ECON.  
JUN 62

197, <sup>513</sup>478

~~SECRET~~

(SF-2226)

THE BIOLOGICAL CHARACTERISTICS OF PADDY RICE,  
BY SHEN HSIEN-HIEN, 19 PP.

CHINESE, MONOGRAPH, SHUI TAO, AUG 1956,  
PP 59-74.

JPRS 13946

ASIA - CHINA  
ECON ,  
JAN 62

197.471

(SF-2226)

CLASSIFICATION AND SPECIES OF PADDY RICE, BY  
SHEN HOUH-NIEN, 17 PP.

CHINESE, MONOGRAPH, SHUI TAO, AUG 1956,  
PP 18-43.

JPRS 13946

ASIA - CHINA  
ECON.  
JUN 62

197,476